

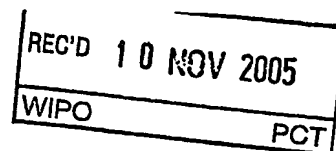
## PATENT COOPERATION TREATY



## PCT

## INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

(Chapter II of the Patent Cooperation Treaty)

(PCT Article 36 and Rule 70)



Applicant's or agent's file reference CL2326PCT	<b>FOR FURTHER ACTION</b> See Form PCT/PEA/416	
International application No. PCT/US2004/023375	International filing date (day/month/year) 22.07.2004	Priority date (day/month/year) 22.07.2003
International Patent Classification (IPC) or national classification and IPC H01L51/40		
Applicant E.I. DUPONT DE NEMOURS AND COMPANY et al.		
<p>1. This report is the international preliminary examination report, established by this International Preliminary Examining Authority under Article 35 and transmitted to the applicant according to Article 36.</p> <p>2. This REPORT consists of a total of 5 sheets, including this cover sheet.</p> <p>3. This report is also accompanied by ANNEXES, comprising:</p> <p>a. <input type="checkbox"/> sent to the applicant and to the International Bureau a total of sheets, as follows:</p> <p><input type="checkbox"/> sheets of the description, claims and/or drawings which have been amended and are the basis of this report and/or sheets containing rectifications authorized by this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions).</p> <p><input type="checkbox"/> sheets which supersede earlier sheets, but which this Authority considers contain an amendment that goes beyond the disclosure in the international application as filed, as indicated in item 4 of Box No. I and the Supplemental Box.</p> <p>b. <input type="checkbox"/> (sent to the International Bureau only) a total of (Indicate type and number of electronic carrier(s)) , containing a sequence listing and/or tables related thereto, in computer readable form only, as indicated in the Supplemental Box Relating to Sequence Listing (see Section 802 of the Administrative Instructions).</p>		
<p>4. This report contains indications relating to the following items:</p> <p><input checked="" type="checkbox"/> Box No. I Basis of the opinion</p> <p><input type="checkbox"/> Box No. II Priority</p> <p><input type="checkbox"/> Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability</p> <p><input type="checkbox"/> Box No. IV Lack of unity of invention</p> <p><input checked="" type="checkbox"/> Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement</p> <p><input type="checkbox"/> Box No. VI Certain documents cited</p> <p><input type="checkbox"/> Box No. VII Certain defects in the international application</p> <p><input type="checkbox"/> Box No. VIII Certain observations on the international application</p>		
Date of submission of the demand 18.02.2005	Date of completion of this report 11.11.2005	
Name and mailing address of the International preliminary examining authority:  European Patent Office - P.B. 5818 Patentlaan 2 NL-2280 HV Rijswijk - Pays Bas Tel. +31 70 340 - 2040 Tx: 31 651 epo nl Fax: +31 70 340 - 3016	Authorized Officer Faou, M Telephone No. +31 70 340- 4992 	

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**INTERNATIONAL PRELIMINARY REPORT  
ON PATENTABILITY**

International application No.  
PCT/US2004/023375

**Box No. I Basis of the report**

1. With regard to the **language**, this report is based on the international application in the language in which it was filed, unless otherwise indicated under this item.
- ☐ This report is based on translations from the original language into the following language, which is the language of a translation furnished for the purposes of:
- ☐ international search (under Rules 12.3 and 23.1(b))
  - ☐ publication of the international application (under Rule 12.4)
  - ☐ international preliminary examination (under Rules 55.2 and/or 55.3)
2. With regard to the **elements\*** of the international application, this report is based on *(replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report):*

**Description, Pages**

1-5 as originally filed

**Claims, Numbers**

1-5 as originally filed

**Drawings, Sheets**

1/6-6/6 as originally filed

☐ a sequence listing and/or any related table(s) - see Supplemental Box Relating to Sequence Listing

3. ☐ The amendments have resulted in the cancellation of:

- ☐ the description, pages
- ☐ the claims, Nos.
- ☐ the drawings, sheets/figs
- ☐ the sequence listing (*specify*):
- ☐ any table(s) related to sequence listing (*specify*):

4. ☐ This report has been established as if (some of) the amendments annexed to this report and listed below had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).

- ☐ the description, pages
- ☐ the claims, Nos.
- ☐ the drawings, sheets/figs
- ☐ the sequence listing (*specify*):
- ☐ any table(s) related to sequence listing (*specify*):

\* If item 4 applies, some or all of these sheets may be marked "superseded."

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**INTERNATIONAL PRELIMINARY REPORT  
ON PATENTABILITY**

International application No.  
PCT/US2004/023375

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**Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement**

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**1. Statement**

Novelty (N)	Yes: Claims	
	No: Claims	1-5
Inventive step (IS)	Yes: Claims	
	No: Claims	1-5
Industrial applicability (IA)	Yes: Claims	1-5
	No: Claims	

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**2. Citations and explanations (Rule 70.7):**

**see separate sheet**

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**Re Item V.**

1.

The following documents are referred to in this communication:

D1 : WO 02/070271 A (DU PONT ; BLANCHET-FINCHER GRACIELA BEAT (US))  
12 September 2002

D2: US 2002/160296 A1 (STARAL JOHN S ET AL) 31 October 2002

D3: EP-A-1 237 207 (FUJI PHOTO FILM CO LTD) 4 September 2002

2.

The present application does not meet the criteria of Article 33(1) PCT, because the subject-matter of claims 1-5 is not new in the sense of Article 33(2) PCT.

2.1

Document D1 discloses (the references in parenthesis applying to figure 4 of this document):  
A process comprising:

- depositing an organic semiconductor (12') on a donor substrate (14)
- laminating the organic semiconductor (12') on the donor substrate (14) with a receiver substrate (30) (Figure 4, page 13, lines 6-13)
- removing the donor substrate (figure 5, page 13, lines 14-17)

All features of independent claim 1 are disclosed in D1, therefore the subject-matter of this claim is not new in the sense of Article 33(2) PCT.

Moreover D1 discloses that the receiver substrate is a flexible polymer (see page 13, lines 10-11, page 7, lines 26-32). Therefore the subject-matter of claim 2 is also not new.

2.2

D1 also discloses an electronic device comprising an organic semiconductor laminated on a receiver substrate (see figure 5, claim 13).

All features of independent claim 3 are described in D1, therefore the subject-matter of this claim is not new.

Moreover D1 discloses additional features of claims 4 and 5 (see page 13, lines 4-5, lines 9-11, page 7, lines 26-32). Consequently the subject-matter of these claims is also not new.

2.3

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## INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY (SEPARATE SHEET)

International application No.

PCT/US2004/023375

Document D2 (paragraph 3, page 2, paragraph 20, paragraphs 58, 109 and 110) also discloses all features of claims 1-5 and document D3 (paragraphs 12, 16, 22, 39, 43, 49) all features of claims 1-3, 5. Consequently, the subject-matter of claims 1-5 is also not new according to the disclosure of these documents.

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